

AMENDMENTS TO THE CLAIMS

- A2
- Claim 1 (Currently amended) A concrete formwork panel comprising:
a high-density polyethylene plastic core;
a ~~metal~~ steel facing layer attached to said plastic core;
a metal backing layer attached to said plastic core;
said panel being thicker than 7 millimeters (mm).
- Claim 2 (Original) A concrete formwork panel as in claim 1 wherein said panel ranges from 9 mm to 15 mm thick.
- Claim 3 (Original) A concrete formwork panel as in claim 1 wherein said panel is 12 mm thick.
- Claim 4 (Currently Amended) A concrete formwork panel as in claim 1 wherein said panel has a density such that a panel that is 8 feet (2.43 meters) by 2 feet (0.6 meters) weighs 77 pounds or less.
- Claim 5 (Currently Amended) A concrete formwork panel as in claim 1 wherein ~~said metal facing layer and said metal backing layer are~~ is steel.
- Claim 6 (Currently Amended) A concrete formwork panel as in claim 1 wherein one of said metal facing layer and said metal backing layer is made of 0.009 inch (0.23 mm) steel.
- Claim 7 (Original) A concrete formwork panel as in claim 1 wherein one of said metal facing layer and said metal backing layer is made of 0.013 inch (0.33 mm) steel.
- Claim 8 (Original) A concrete formwork panel as in claim 1 wherein one of said metal facing layer and said metal backing layer is made of 0.019 inch (0.48 mm) steel.
- Claim 9 (Currently Amended) A concrete formwork panel as in claim 1 wherein ~~said metal facing layer and said metal backing layer are~~ is aluminum.
- Claim 10 (Original) A concrete formwork panel as in claim 1 wherein said plastic is foam plastic.
- Claim 11 (Currently Amended) A concrete formwork panel as in claim 10 wherein said foam plastic is 40% or more gas, by volume.
- Claim 12 (Currently Amended) A concrete formwork panel as in claim 10

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wherein said foam plastic is 50% or more gas, by volume.

Claim 13 (Canceled)

Claim 14 (Original) A concrete formwork panel as in claim 1 wherein said panel is bent to form a flange.

Claim 15 (Original) A concrete formwork panel as in claim 14 wherein said flange has openings formed in it.

Claim 16 (Original) A concrete formwork panel as in claim 14 wherein said panel is notched at said bend.

Claim 17 (Original) A concrete formwork panel as in claim 16 wherein said bend is a 90° bend.

Claim 18 (Currently Amended) A concrete formwork panel as in claim 14 wherein there are two of said bends, with one of said bends being substantially 180° so that said panel is bent back on itself to form and said flange is a double-thick flange.

Claim 19 (Original) A concrete formwork panel as in claim 1 wherein said panel is bent into a hollow columnar form.

Claim 20 (Original) A concrete formwork panel as in claim 19 wherein said columnar form is cylindrical.

Claim 21 (Currently Amended) A concrete formwork panel as in claim 19 wherein said panel has a first end and a second end, a portion of said plastic and said facing is removed from said first end to expose a first backing portion and a first plastic portion and a portion of said plastic and said backing is removed from said second end to expose a second facing portion and a second plastic portion, and said ends are joined with said first and second plastic portions abutting, a said first backing portion of said backing of said first end overlapping said backing of said second plastic portion of said second end, and a said second facing portion of said facing of said second end overlapping said facing first plastic portion of said first end.

Claim 22 (Currently Amended) A concrete formwork panel as in claim 1 wherein said facing has a recessed or raised portion forming a design to be an architectural detail impressed in concrete it.

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Claim 23 (Original) A concrete formwork panel as in claim 1 and further including a strengthening rib attached to said metal backing layer.

Claim 24 (Currently Amended) A concrete formwork panel as in claim 23 wherein said strengthening rib includes a handhold portion adapted to be graspable by a human hand.

Claim 25 (Original) A concrete formwork panel as in claim 1 wherein said facing and said backing are attached to said plastic with adhesive.

Claim 26 (Original) A concrete formwork system comprising a plurality of concrete formwork panels as in claim 1 and a plurality of fasteners fastening said plurality of panels together.

Claim 27 (Original) A concrete formwork system as in claim 26 and further comprising a support framework adjacent said backing.

Claim 28 (Original) A concrete formwork system as in claim 27 wherein said framework comprises steel frame members.

Claims 29 – 38 (Withdrawn)

Claim 39 (New) A concrete formwork panel comprising:
a foam plastic core;

a metal facing layer attached to said plastic core;

a metal backing layer attached to said plastic core;

wherein said foam plastic is 32% or more gas, by volume.

Claim 40 (New) A concrete formwork panel as in claim 39 wherein said foam plastic is 40% or more gas, by volume.

Claim 41 (New) A concrete formwork panel as in claim 39 wherein said foam plastic is 50% or more gas, by volume.

Claim 42 (New) A concrete formwork panel as in claim 39 wherein said plastic is high-density polyethylene.

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